

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING:

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title: →

"A VARIABLE REGION OF THE MONOCLONAL ANTIBODY AGAINST THE HBV S-SURFACE  
ANTIGEN AND A GENE ENCODING THE SAME"

Fill in Appropriate  
Information —  
For Use →  
Without  
Specification  
Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on \_\_\_\_\_ as  
United States Application Number \_\_\_\_\_;  
and amended on \_\_\_\_\_ (if applicable); and/or  
the specification was filed on \_\_\_\_\_ as PCT  
International Application Number \_\_\_\_\_; and was  
amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

COPY

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority  
Information: →  
(if appropriate)

### Prior Foreign Application(s)

(Number)	(Country)	(Month / Day / Year Filed)	Priority Claimed	
2000-28938	Republic of Korea	05/29/2000	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month / Day / Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Insert Provisional  
Application(s): →  
(if any)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested  
Information: →  
(if appropriate)

Country	Application Number	Date of Filing (Month / Day / Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S.  
Application(s): →  
(if any)

(Application Number)	(Filing Date)	(Status — patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status — patented, pending, abandoned)

I hereby appoint following attorneys to prosecute this application and/or international application based on this application and to transact all business in the Patent and Trademark Office connected therewith. I in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	C. Joseph Faraci	(Reg. No. 32,350)
Donald J. Daley	(Reg. No. 34,313)	John W. Bailey	(Reg. No. 32,881)
John A. Castellano	(Reg. No. 35,094)		

Send Correspondence to: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**  
P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

**PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or  
Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

<b>GIVEN NAME</b>	<b>FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
Jong Wook	LEE	<i>Jong Wook Lee</i>	03/26/01
<b>Residence (City, State &amp; Country)</b>			<b>CITIZENSHIP</b>
Kwacheon-Si, Kyonggi-Do, Korea			Republic of Korea
<b>POST OFFICE ADDRESS (Complete Street Address including City, State &amp; Country)</b>			
#50-5, Byulyang-Dong, Kwacheon-Si, Kyonggi-Do, Korea			
<b>GIVEN NAME</b>	<b>FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
In Young	KO	<i>In Young Ko</i>	03/26/01
<b>Residence (City, State &amp; Country)</b>			<b>CITIZENSHIP</b>
Anyang-Si, Kyonggi-Do, Korea			Republic of Korea
<b>POST OFFICE ADDRESS (Complete Street Address including City, State &amp; Country)</b>			
602-1202, Mugungwha Taeyoung Apt., Hokye-Dong, Dongan-Ku, Anyang-Si, Kyonggi-Do, Korea			
<b>GIVEN NAME</b>	<b>FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
Heui Keun	KANG	<i>Heui Keun Kang</i>	03/26/01
<b>Residence (City, State &amp; Country)</b>			<b>CITIZENSHIP</b>
Uiwang-Si, Kyonggi-Do, Korea			Republic of Korea
<b>POST OFFICE ADDRESS (Complete Street Address including City, State &amp; Country)</b>			
102-306, Samho Backzo Apt., Ojeon-Dong, Uiwang-Si, Kyonggi-Do, Korea			
<b>GIVEN NAME</b>	<b>FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
Jung Hyun	NAM	<i>Jung Hyun Nam</i>	03/26/01
<b>Residence (City, State &amp; Country)</b>			<b>CITIZENSHIP</b>
Uiwang-Si, Kyonggi-Do, Korea			Republic of Korea
<b>POST OFFICE ADDRESS (Complete Street Address including City, State &amp; Country)</b>			
2-404, Samsin 9th Apt., San 147-3, Ojeon-Dong, Uiwang-Si, Kyonggi-Do, Korea			
<b>GIVEN NAME</b>	<b>FAMILY NAME</b>	<b>INVENTOR'S SIGNATURE</b>	<b>DATE*</b>
Moo Young	SONG	<i>Moo Young Song</i>	03/26/01
<b>Residence (City, State &amp; Country)</b>			<b>CITIZENSHIP</b>
Suwon-Si, Kyonggi-Do, Korea			Republic of Korea
<b>POST OFFICE ADDRESS (Complete Street Address including City, State &amp; Country)</b>			
105-405, Woncheon-1-danji Jukong Apt., 1230, Maetan-Dong, Paldal-Ku, Suwon-Si, Kyonggi-Do, Korea			

Full Name of First or  
Sole Inventor:  
Insert Name of  
Inventor →  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

Full Name of Sixth  
Inventor, if any:  
see above

Full Name of Seventh  
Inventor, if any:  
see above

Full Name of Eighth  
Inventor, if any:  
see above

Full Name of Ninth  
Inventor, if any:  
see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE ✓	DATE*
Hyung Jin MOON		Hyung Jin Moon	03/26/01
Residence (City, State & Country)			CITIZENSHIP
Suwon-Si, Kyonggi-Do, Korea			Republic of Korea
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
505-1703, Shinnamusil Jukong Apt., 964-5, Youngtong-Dong, Paldal-Ku, Suwon-Si, Kyonggi-Do, Korea			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE ✓	DATE*
Tae Hun SONG		Tae Hun Song	03/26/01
Residence (City, State & Country)			CITIZENSHIP
Suwon-Si, Kyonggi-Do, Korea			Republic of Korea
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
301-302, Sunkyung 3rd Apt., Inkye-Dong, Paldal-Ku, Suwon-Si, Kyonggi-Do, Korea			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			